



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ambrose, et al.

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For: INTEGRATED COMMUTATOR WITH SENSE MAGNET

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**CERTIFICATE OF MAILING**

I hereby certify that this correspondence being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, U.S. Patent and Trademark Office, Washington, DC 20231 January 16, 2003.

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**AMENDMENT AND RESPONSE TO OFFICE ACTION**

Sir:

This paper responds to the Office Action mailed December 18, 2002 in the above-identified patent application.

**Amendments in the Claims**

Please amend claims 1, 4-18, 31, and 32 as follows:

1. (Twice Amended) A commutator comprising at least one magnet chemically-bonded to the commutator.
4. (Twice Amended) A sensing assembly comprising the commutator of claim 1 and a sensor.
5. (Amended) The commutator of claim 35, wherein the shell comprises copper.